
The Missouri Environmental Management Partnership



Department of Natural Resources
Outreach and Assistance Center
Environmental Assistance Office

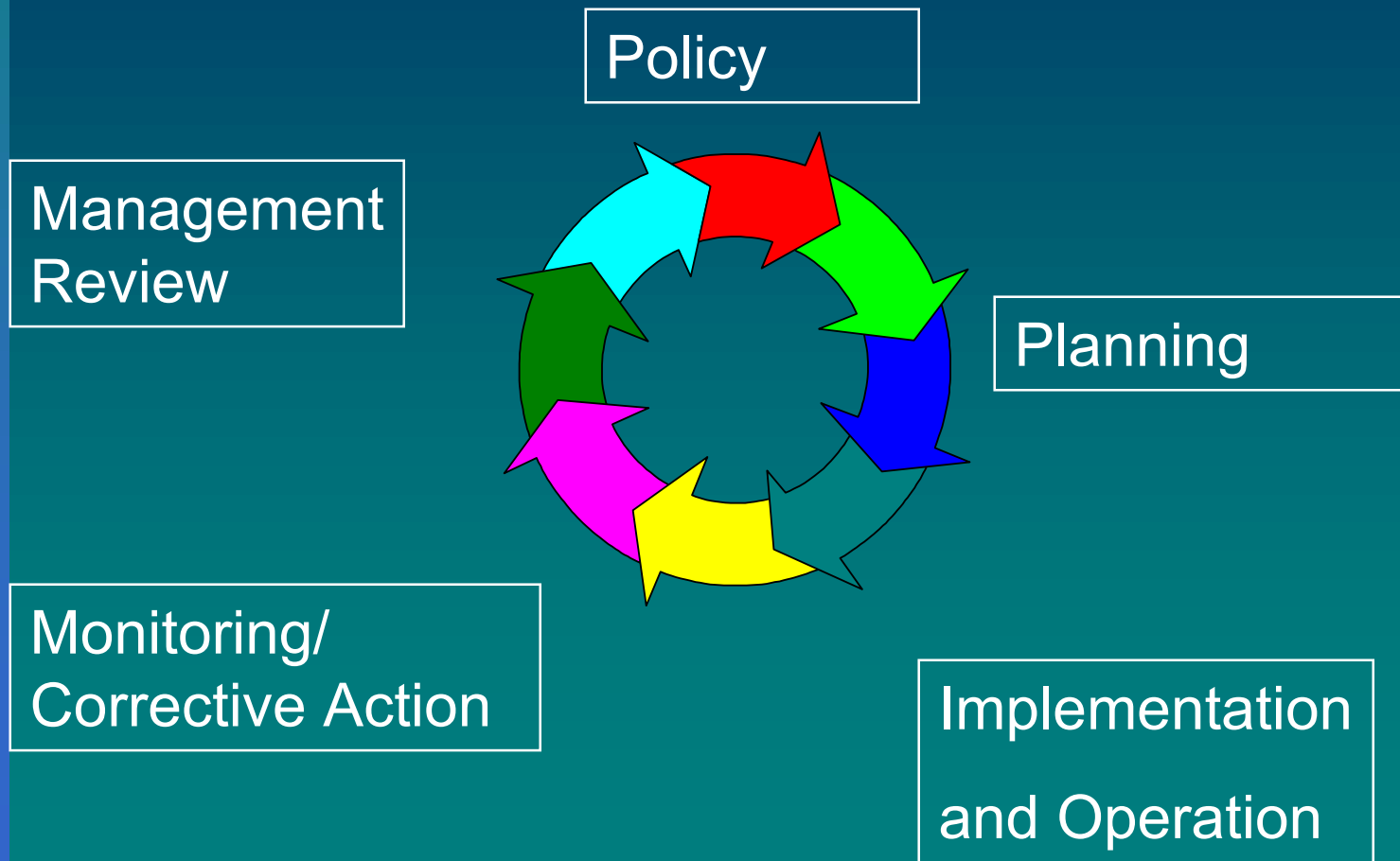
Environmental Management Systems

Definition

The **part of the overall management system** that includes organizational structure, planning activities, responsibilities, practices, procedures, processes and resources for developing, implementing, achieving, reviewing and maintaining the environmental policy.

ISO 14001 Definitions

Environmental Management Systems



Environmental Policy

- Commitment to continual improvement
- Commitment to prevention of pollution
- Commitment to compliance with applicable environmental rules and regulations

Planning

- Determining Aspects and Impacts
- Determining Legal Requirements
- Determining Priorities
- Developing Objectives and Targets
- Developing “Programs”

Implementation and Operation

- Structure and Responsibilities
- Training, Awareness and Competence
- Communication
- Documentation/Document Control
- Operational Control
- Emergency Preparedness and Response

Checking and Corrective Action

- Monitoring and Measurement
- Corrective and preventive action
- Record keeping
- EMS audit

Management Review

- Should be conducted periodically to determine adequacy and effectiveness of EMS.
- Should review the policy, objectives or other elements to make sure they are still suitable for the organization.

Critical Factors

- Management support
Words, Actions, \$\$\$\$\$\$, Personnel
- Employee awareness and involvement
- Focus on results

Environmental Management System Standards

- ISO 14001
- British Standard - BS7750
- EU Eco-Management and Audit Scheme
- CCA Responsible Care
- Great Printers
- NSF
- National Biosolids Partnership
- EPA Performance Track

Perceived Benefits

- Cost savings
- Reduced risk
- Increased operational efficiency
- Positive external relations and public image
- Improved communication

Benefits continued...

- Greater employee stewardship
- Shared environmental solutions
- Improved public relations
- Efficient use of inputs
- Preferential treatment from government
- Performance based operations

What is Missouri Doing?

- Missouri Environmental Management Partnership (MEMP)
 - A voluntary program to promote improved environmental performance by Missouri organizations through EMS development
 - Program began in Spring 2003

Missouri Environmental Management Partnership

- Four participation categories
- Recognition incentives
- Permitting incentives
- Enforcement mitigation

Participation Categories

- Partner
- Certified Partner
- Advanced Partner
- Certified Advanced Partner

Basic Participation Conditions

- Ten element EMS
- Annual report
- Compliance with regulatory requirements
- Continual improvement of EMS
- On-site evaluation of EMS by Department of Natural Resources

Advanced Participation Conditions

- Third-party certification
- Performance levels more protective than regulatory standards
- Commitment to pollution prevention
- Regular community involvement

MEMP EMS Elements

- Policy statement
- Evaluation of environmental impacts
- Identify legal requirements
- Establish positive objectives and targets
- Define roles and responsibilities

EMS Elements (cont.)

- Record keeping and reporting
- Training
- Emergency response
- EMS assessment
- Corrective action

Recognition Incentives

- Wall plaques, certificates
- News releases, articles in PMNR, Missouri Resources or newsletter
- Web page on the department Web site

Permitting Incentives

- Expedited Permit Reviews
- Allowances for Piloting New Technology
- Removal of Duplicative Permit Controls
- Reporting Streamlining
- Other measures for Advanced and Certified Partners as appropriate

Enforcement Mitigation

- Mitigation of self-reported violations will be conducted through the department's Conference, Conciliation and Persuasion Policy

Process

- Application and supporting documentation is submitted to EAO
- Gatekeeper is assigned as primary point of contact
- Completeness check is performed

Process (cont.)

- Gatekeeper coordinates a detailed review of the materials.
- Gatekeeper facilitates an interview with the applicant
- Gatekeeper recommends approval or denial to the MEMP Steering Committee

Process (cont.)

- Steering Committee reviews application, comments back or forwards approval recommendation to the Directors of ALPD and WPSCD.
- Directors of ALPD and WPSCD review recommendation, comment back, or forward approval recommendation to department director.

Process (cont.)

- Policy Commission notification
- Review and comment by external advisors
- Director of department reviews the recommendations and sends back comments or approval.
- Upon final approval, acceptance letter is sent to applicant.

For More Information

- Environmental Assistance Office
 - 1-800-361-4827
 - Missouri Environmental Management Partnership Web site
<http://www.dnr.mo.gov/oac/memp-ems.htm>